

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q78154

Kenichi OHKAWA, et al.

Appln. No.: 10/694,724

Group Art Unit: 1714

Confirmation No.: 4042

Examiner: Sandra K. Poulos

Filed: October 29, 2003

For: THERMOPLASTIC RESIN COMPOSITION AND ITS INJECTION MOLDED
ARTICLE

AMENDMENT UNDER 37 C.F.R. § 1.111

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated December 20, 2006, time for response extended to June 20, 2006, please amend the above-identified application as follows on the accompanying pages.

TABLE OF CONTENTS

AMENDMENTS TO THE SPECIFICATION.....	2
AMENDMENTS TO THE CLAIMS	5
REMARKS	8

AMENDMENT UNDER 37 C.F.R. § 1.111

Application Number: 10/694,724

Attorney Docket Number: Q78154

AMENDMENTS TO THE SPECIFICATION

Please replace the sentence on page 6, lines 3-6 with the following amended sentence:

Further, the intrinsic viscosity $[\eta]_P$ of a 135°C-~~tetralin~~ TETRALIN® (1,2,3,4-tetrahydronaphthalene) solution of the propylene homopolymer portion is preferably from 0.7 to 1.1 dl/g, more preferably from 0.8 to 1.0 dl/g.

Please replace the sentence on page 6, lines 7-10 with the following amended sentence:

The ethylene-propylene random copolymer portion, which is the second segment, preferably is one such that a 135°C-~~tetralin~~ TETRALIN® (1,2,3,4-tetrahydronaphthalene) solution thereof has an intrinsic viscosity $[\eta]_{EP}$ of from 1.0 to 8.0 dl/g, preferably from 1.5 to 7.5 dl/g.

Please replace the sentence on page 7, lines 2-4 with the following amended sentence:

Further, the intrinsic viscosity $[\eta]_P$ of a 135°C-~~tetralin~~ TETRALIN® (1,2,3,4-tetrahydronaphthalene) solution of the crystalline homopolymer is preferably from 0.7 to 1.1 dl/g, more preferably from 0.8 to 1.0 dl/g.

AMENDMENT UNDER 37 C.F.R. § 1.111

Application Number: 10/694,724

Attorney Docket Number: Q78154

Please replace the sentence from page 14, line 23, to page 15, line 6 with the following amended sentence:

More specifically, a preferable propylene-based polymer composition is one composed of from 40 to 70 % by weight of a propylene-based polymer component (I) which has an intrinsic viscosity $[\eta]^A$, measured in ~~tetralin~~-TETRALIN® (1,2,3,4-tetrahydronaphthalene) at 135 °C, of 5 dl/g or more and a melting peak temperature T_m , measured using a differential scanning calorimeter, of from 130 to 160°C and from 60 to 30 % by weight of a propylene-based polymer component (II) which has an intrinsic viscosity $[\eta]^A$, measured in ~~tetralin~~-TETRALIN® (1,2,3,4-tetrahydronaphthalene) at 135°C, of from 0.8 dl/g to 1.3 dl/g and a melting peak temperature T_m , measured using a differential scanning calorimeter, of from 130 to 165 °C.

Please replace the sentence on page 26, lines 24-26 with the following amended sentence:

Regarding a crystalline polypropylene, the intrinsic viscosity was measured at a temperature of 135°C using TETRALIN® (1,2,3,4-tetrahydronaphthalene) ~~tetralin~~ as a solvent.

AMENDMENT UNDER 37 C.F.R. § 1.111

Application Number: 10/694,724

Attorney Docket Number: Q78154

Please delete the present Abstract of the Disclosure.

Please add the following new Abstract of the Disclosure:

The present invention provides a thermoplastic resin composition including specific amounts of (A) a polypropylene resin, (B) an elastomer, (C) inorganic filler, (D) a resin having a melt tension of 0.1 N or more and a swelling ratio of 1.8 or more and being characterized by that the time required for the resin until the ratio ($G(t)/G(0.02)$) of a relaxation modulus $G(t)$ measured at 210°C to a relaxation modulus $G(0.02)$ at a time of 0.02 sec reaches 0.01 is 10 sec or more, and (E) a resin characterized by that, with respect to a swelling ratio measured at 220°C at an L/D of an orifice of 40, the ratio of a swelling ratio (SR_{10^3}) at a shear rate of $2.4 \times 10^3 \text{ sec}^{-1}$ to a swelling ratio (SR_{10^2}) at a shear rate of $1.2 \times 10^2 \text{ sec}^{-1}$, SR_{10^3}/SR_{10^2} , is from 1.0 to 1.1.